Mr. Davy and Mr. Colton
Student Learning Map
Math- Expressions and Equations

Key Learning: Apply and extend previous understandings of arithmetic to numerical and algebraic expression, equations, and inequalities.

Unit Essential Question:
How do you identify, write, and evaluate numerical and algebraic expressions, equations, and inequalities?

Concept: Numerical and Algebraic Expressions	**Concept:** Solving Equations and Inequalities	**Concept:** Quantitative Relationships between Dependent and Independent Variables
Lesson Essential Question: What is the process of evaluating numerical and algebraic expressions? How do I interpret a verbal description as an algebraic expression? How do I recognize the parts of an expression? How can formulas be used to evaluate algebraic expressions? How do I find equivalent expressions?	**Lesson Essential Question:** How can I substitute a number from a set to make an equation or inequality true? How can I represent a real world problem using an algebraic expression? How can I represent solutions of inequalities using a number line?	**Lesson Essential Question:** How can I determine the difference between Independent and Dependent Variables? How do I analyze the relationship between Independent and Dependent Variables using graphs and tables?
Vocabulary: Numerical Expression, Algebraic Expression, variable, term, product, factor, sum, difference, coefficient, constant	**Vocabulary:** Equation, Inequality, substitution	**Vocabulary:** Independent Variable, Dependent Variable